



AC92-A-6

Volume 1 GEOGRAPHIC AREA SERIES

Part 6

# Colorado

**State and County Data** 



U.S. Department of Commerce Economics and Statistics Administration BUREAU OF THE CENSUS JOBNAME: No Job Name PAGE: 1 SESS: 5 OUTPUT: Wed Dec 15 10:04:40 1993 /pssw01/disk2/economic/ac92a/0/02ack

### **Acknowledgments**

This report was prepared under the direction of the Agriculture Division. Many divisions contributed to the preparation: Economic Programming, Data Preparation, Administrative and Publications Services, Computer Services, Systems Support, Field, and Economic Census and Surveys.

Members of the Census Advisory Committee on Agriculture Statistics and representatives of both public and private organizations made significant recommendations which helped establish data content.

Members of various agencies of the U.S. Department of Agriculture provided valuable advice in the planning, publicizing, and processing phases of the census, and in helping farmers and ranchers complete the report forms.

The press, farm magazines, radio and television stations, and farm organizations were most helpful in publicizing the census and encouraging cooperation of farm and ranch operators.

Special tribute is paid to the millions of farm and ranch operators who furnished the information requested. Only through their cooperation was it possible to collect and publish the data in this report.

If you have any questions concerning the statistics in this report, call:
301-763-8555 Division Chief
800-523-3215 General Information
301-763-8567 Crops Branch
301-763-8569 Livestock Branch
301-763-8514 Farm Economics Branch
301-763-8571 Statistical Methodology





AC92-A-6

# Volume 1 GEOGRAPHIC AREA SERIES

Part 6

# Colorado

State and County Data +





U.S. Department of Commerce Ronald H. Brown, Secretary

Economics and Statistics Administration Paul A. London, Acting Under Secretary for Economic Affairs

BUREAU OF THE CENSUS Harry A. Scarr, Acting Director



Economics and Statistics
Administration
Paul A. London, Acting Under
Secretary for Economic Affairs



BUREAU OF THE CENSUS Harry A. Scarr, Acting Director

 Charles A. Waite, Associate Director for Economic Programs
 Thomas L. Mesenbourg, Assistant Director for Economic Programs

ECONOMIC CENSUS AND SURVEYS DIVISION Thomas L. Mesenbourg, Acting Chief AGRICULTURE DIVISION Charles P. Pautler, Jr., Acting Chief

## **Contents**

Introd A. B.	duction	Page VII 1 2
State	e Map	3
FIGL	JRES	
1. 2. 3. 4. 5. 6. 7.	Profile of the State's Agriculture: 1992 Percent of Farms and of Market Value of Agricultural Products Sold: 1992 Farms by Market Value of Agricultural Products Sold: 1964 to 1992 Land Use: 1992 Selected Crops Harvested: 1992 Value of Livestock and Poultry Sold: 1992 Production Expenses: 1992	4 5 5 6 7 7
ТАВ	BLES	
CHA	PTER 1. State Data	
1. 2.	Historical Highlights: 1992 and Earlier Census Years	8
	Farm Production Expenses: 1992, 1987, and 1982  Net Cash Return From Agricultural Sales: 1992 and 1987  Government Payments and Other Farm-Related Income: 1992 and 1987  Commodity Credit Corporation Loans: 1992 and 1987  Land Use and Acres Diverted: 1992, 1987, and 1982  Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 1992	10 11 14 14 16 17
9. 10. 11. 12. 13. 14. 15.	and 1987	18 19 20 20 20 21 21
17. 18. 19. 20. 21. 22.	Selected Characteristics of Farms by Specified Racial Groups, Sex of Operators, and Persons of Spanish Origin: 1992 and 1987 Selected Characteristics of Farms by Standard Industrial Classification: 1992 Selected Characteristics of Abnormal Farms: 1992 and 1987 Poultry—Inventory and Sales: 1992 and 1987 Hens and Pullets—Number Sold: 1992 and 1987 Poultry—Inventory and Sales by Farms With Chickens 3 Months Old or Older:	23 25 26 26 27
23. 24. 25. 26. 27. 28. 29. 30. 31.	Turkeys—Number Sold: 1992 Cattle and Calves—Inventory: 1992 and 1987 Cattle and Calves—Sales: 1992 and 1987 Cattle and Calves Herd Size by Inventory and Sales: 1992 Cow Herd Size by Inventory and Sales: 1992 Beef Cow Herd Size by Inventory and Sales: 1992 Milk Cow Herd Size by Inventory and Sales: 1992 Cattle and Calves—Number Sold Per Farm by Sales: 1992 Hogs and Pigs—Inventory: 1992 and 1987 Hogs and Pigs—Sales: 1992 and 1987	27 28 28 29 29 30 30 31 31 32 32

		Page
33. 34. 35. 36. 37. 38. 39.	Hogs and Pigs — Litters Farrowed: 1992 and 1987	34 34 34
40. 41. 42. 43. 44.	Other Livestock and Livestock Products —Inventory and Sales: 1992 and 1987  Specified Crops Harvested —Yield Per Acre Irrigated and Nonirrigated: 1992  Specified Crops by Acres Harvested: 1992 and 1987  Specified Fruits and Nuts by Acres: 1992 and 1987  Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale by Value of	
45. 46. 47. 48. 49. 50. 51.	Sales: 1992 and 1987  Farms by Concentration of Market Value of Agricultural Products Sold: 1992 Summary by Tenure of Operator: 1992 Summary by Type of Organization: 1992 Summary by Age and Principal Occupation of Operator: 1992 Summary by Size of Farm: 1992 Summary by Market Value of Agricultural Products Sold: 1992 Summary by Standard Industrial Classification of Farm: 1992 Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1992	42 52 62 82 102
СНА	PTER 2. County Data	
1. 2.	County Summary Highlights: 1992	162
3. 4.	Classification: 1992 and 1987	170 186
5. 6.	and 1987	194 205
7.	1987 Harvested Cropland by Size of Farm and Acres Harvested: 1992 and 1987	229
8. 9. 10. 11.	Irrigation: 1992 and 1987	245 253
12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25.	Farms With Sales of \$10,000 or More: 1992 and 1987 Selected Crops: 1992 and 1987 Cattle and Calves — Inventory and Sales: 1992 and 1987 Hogs and Pigs — Inventory, Litters, and Sales: 1992 and 1987 Poultry—Inventory and Sales: 1992 and 1987 Sheep and Lambs — Inventory, Shorn, and Sales: 1992 and 1987 Horses and Ponies — Inventory and Sales: 1992 and 1987 Milk Goats — Inventory and Sales: 1992 and 1987 Angora Goats — Inventory and Sales: 1992 and 1987 Mink and Their Pelts — Inventory and Sales: 1992 and 1987 Colonies of Bees and Honey — Inventory and Sales: 1992 and 1987 Fish Sales: 1992 and 1987 Miscellaneous Poultry — Inventory and Sales: 1992 and 1987 Miscellaneous Livestock and Animal Specialties — Inventory and Sales: 1992 and	273 313 323 342 350 358 362 363 363 364 364 364 365
26. 27.	1987 Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1992 and 1987 Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and	
28. 29. 30. 31. 32.	Peanuts: 1992 and 1987  Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1992 and 1987  Vegetables, Sweet Corn, and Melons Harvested for Sale: 1992 and 1987  Land in Orchards: 1992 and 1987  Fruits and Nuts: 1992 and 1987  Berries Harvested for Sale: 1992 and 1987	382 389 389

		Page
33. 34. 35. 36. 37. 38. 39.	Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1992 and 1987  Other Crops: 1992 and 1987  Farms Operated by Black and Other Races by Value of Sales and Occupation: 1992 and 1987  Farms Operated by Black and Other Races by Tenure: 1992 and 1987  Operators by Selected Racial Groups: 1992 and 1987  Operators of Spanish Origin: 1992 and 1987  Farms With Grazing Permits: 1992 and 1987	397 397 398 399
APP	PENDIXES	
A. B. C. D. E.	General Explanation	B–1 C–1 D–1
	x Ind ication Program	ex 1 cover

### Introduction

#### HISTORY

The 1992 Census of Agriculture is the 24th taken by the U.S. Department of Commerce, Bureau of the Census. The first agriculture census was taken in 1840 as part of the sixth decennial census of population. From 1840 to 1950, an agriculture census was taken as part of the decennial census. A separate mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974, a census of agriculture was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year so that it coincided with the economic censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. This adjustment in timing established the agriculture census on a 5-year cycle collecting data for years ending in 2 and 7.

#### **USES OF THE CENSUS**

The census of agriculture is the leading source of statistics about the Nation's agricultural production and the only source of consistent, comparable data at the county, State, and national levels. Census statistics are used by Congress in developing and changing farm programs and for determining the effects of these programs. Many national and State programs are designed or allocated on the basis of census data, such as funds for extension services, research, and soil conservation projects. Private industry uses census statistics to provide a more effective production and distribution system for the agricultural community.

#### **AUTHORITY AND AREA COVERED**

The census of agriculture is required by law under Title 13, United States Code, sections 142(a) and 191, which directs that a census be taken in 1979, 1983, and in every fifth year after 1983, covering the prior year. The 1992 census includes each State, Puerto Rico, Guam, and the Virgin Islands of the United States.

#### **FARM DEFINITION**

Since 1850, when minimum criteria defining a farm for census purposes first were established, the farm definition has been changed nine times. The current definition, first used for the 1974 census, is any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year. The farm definition used for the outlying areas varies according to area. The report for each area includes a discussion of its farm definition.

#### **COMPARABILITY OF DATA**

Data on acreages and inventories for 1992 and 1987 are generally comparable. Dollar figures shown for expenses and agricultural product sales are expressed in current dollars and have not been adjusted for inflation or deflation. In general, data for censuses since 1974 are not fully comparable with data for 1969 and earlier censuses due to changes in the farm definition.

#### TABULAR PRESENTATION

**State data.** Tables 1 through 45 in chapter 1 show detailed State-level data usually accompanied by historical data for one or more past censuses. Tables 46 through 52 provide 1992 State data cross-tabulated by various farm classifications.

County data. Chapter 2 presents selected data items by county. Tables 1 through 17 include general data for all counties. The counties are listed in alphabetical order in the column headings. Tables 18 through 39 include only counties reporting the data item. Counties not having the item, or with a limited number of farms reporting the item, have data combined and presented as "all other counties."

#### **SPECIAL TABULATIONS**

Custom designed tabulations can be developed to individual user specifications on a programming cost reimbursable basis. Inquiries about special tabulations should be directed to the Chief, Agriculture Division, Bureau of the Census, Washington, DC 20233.

JOBNAME: No Job Name PAGE: 2 SESS: 10 OUTPUT: Wed Dec 15 10:04:45 1993 /pssw01/disk2/economic/ac92a/0/07txtint

#### **CENSUS DISCLOSURE RULES**

In keeping with the provisions of Title 13, United States Code, no data are published that would disclose the operations of an individual farm. However, the number of farms in a given size category or other classification is not considered a release of confidential information and is provided even though other information is withheld.

## INVENTORIES, PRODUCTION, AND SALES DATA

Inventories of livestock, poultry, and machinery and equipment are measured as of December 31 of the census year. Crop and livestock production, sales, and expense data are for the calendar year, except for a few crops (such as citrus) for which the production year overlaps the calendar year.

#### ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

- Represents zero.
- (D) Withheld to avoid disclosing data for individual farms.
- (H) Standard error or relative standard error of estimate is greater than or equal to 99.95 percent.
- (IC) Independent city.
- (L) Standard error or relative standard error of estimate is less than .05 percent.
- (NA) Not available.
- (S) Withheld because estimate did not meet publication standards on the basis of either the response rate or a consistency review.
- (X) Not applicable.
- (Z) Less than half of the unit shown.
- cwt Hundredweight.
- sq ft Square feet.

### A. Highlights of the State's Agriculture: 1992 and 1987

[Dollar figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text]

		All farms		
Item		1992	1987	Percent change from 1987 to 1992
Farms Land in farms Average size of farm	acres	27 152 33 983 029 1 252	27 284 34 048 433 1 248	5 2 .3
Estimated market value of land and buildings 1:  Average per farm	dollars dollars	536 510 426	458 906 369	16.9 15.4
Estimated market value of all machinery and equipment 1: Average per farm	dollars	54 868	49 534	10.8
Farms by size: 1 to 9 acres 10 to 49 acres 50 to 179 acres 180 to 499 acres 500 to 999 acres 1,000 to 1,999 acres 2,000 acres or more		2 424 4 867 5 371 4 594 3 188 2 740 3 968	2 725 4 352 5 111 4 862 3 355 2 918 3 961	-11.0 11.8 5.1 -5.5 -5.0 -6.1
Total cropland	acres	21 882 10 933 484 18 573 5 532 964	22 334 10 988 853 19 446 5 522 216	-2.0 5 -4.5 .2
Irrigated land		15 193 3 169 839	14 913 3 013 773	1.9 5.2
Market value of agricultural products sold	\$1,000 dollars	4 115 552 151 575	3 143 131 115 201	30.9 31.6
Crops, including nursery and greenhouse crops	\$1,000 \$1,000	1 036 174 3 079 378	781 934 2 361 197	32.5 30.4
Farms by value of sales: Less than \$2,500 \$2,500 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$4,999 \$25,000 to \$49,999 \$50,000 to \$49,999 \$100,000 to \$9,999 \$100,000 to \$249,999 \$250,000 to \$49,999 \$500,000 or \$49,999 \$500,000 or \$499,999		6 365 2 637 3 005 4 249 3 135 2 866 2 871 1 1 15	6 607 2 582 3 008 4 245 3 316 3 117 2 722 999 688	-3.7 2.1 1 -5.5 -8.1 5.5 11.6 32.1
Total farm production expenses <sup>1</sup>	\$1,000 dollars	3 569 175 131 442	2 700 407 98 989	32.2 32.8
Net cash return from agricultural sales for the farm unit (see text) 1  Average per farm	\$1,000	27 154 515 763 18 994	27 281 422 200 15 476	5 22.2 22.7
Operators by principal occupation: FarmingOther		16 181 10 971	16 504 10 780	-2.0 1.8
Operators by days worked off farm:  Any		13 914 8 353	14 202 8 311	-2.0 .5
Livestock and poultry: Cattle and calves inventory		14 797	14 637	1.1
Beef cows	number farms number	3 086 717 11 596 900 347 1 162 81 825	2 946 334 11 132 830 216 1 714 76 285	4.8 4.2 8.4 -32.2 7.3
Cattle and calves sold  Hogs and pigs inventory  Hogs and pigs sold	number farms number	14 439 3 569 739 1 643 464 479 1 558	14 569 3 476 740 1 685 258 725 1 620	9 2.7 -2.5 79.5 -3.8
Sheep and lambs inventory  Chickens 3 months old or older inventory  Broilers and other meat-type chickens sold	number farms number	878 515 1 911 730 272 1 767 4 257 327	460 359 1 981 708 070 2 709 3 118 767	90.8 -3.5 3.1 -34.8 36.5 -33.9
Selected crops harvested:	number	(D)	43 706	(D)
Corn for grain or seed	acres bushels	4 066 891 720 126 076 043	4 295 685 568 98 919 585	-5.3 30.1 27.5
Corn for silage or green chop  Sorghum for grain or seed	acres tons, green	1 341 98 838 2 102 940 709 163 850	1 525 100 798 2 101 438 1 039 190 554	-12.1 -1.9 .1 -31.8 -14.0
Wheat for grain	bushels farms acres	6 280 126 5 597 2 384 979	7 327 665 6 992 2 421 603	-14.3 -20.0 -1.5
Barley for grain	bushels farms acres bushels	71 825 463 1 053 115 321 8 934 199	81 581 401 2 404 203 226 12 386 192	-12.0 -56.2 -43.3 -27.9
Dry edible beans, excluding dry limas		8 934 199 1 533 150 824 2 509 515	12 386 192 1 689 169 506 2 521 626	-27.5 -9.2 -11.0
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (: text)	see	13 160 1 449 177 3 464 389	13 535 1 423 807 3 088 681	-2.8 1.8 12.2

<sup>&</sup>lt;sup>1</sup>Data are based on a sample of farms.

#### B. Highlights of the State's Agriculture: 1992 and 1987 (Metric Measurement)

[1 acre = 0.4047 hectare. For further metric conversions, see metric conversion table in appendix E. Dollar figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text]

		All farms		
Item		1992	1987	Percent change from 1987 to 1992
Farms Land in farms Average size of farm	hectares	27 152 13 752 932 507	27 284 13 779 401 505	5 2 .4
Estimated market value of land and buildings 1:  Average per farmAverage per hectare	dollars	536 510 426	458 906 369	16.9 15.4
Estimated market value of all machinery and equipment 1: Average per farm	dollars	54 868	49 534	10.8
Farms by size: .01 to 3.84 hectares .3.85 to 20.04 hectares .20.05 to 72.67 hectares .20.05 to 20.22 hectares .20.23 to 404.65 hectares .404.66 to 809.51 hectares .405.26 hectares .405.26 hectares .405.26 hectares .405.26 hectares .406.27 hectares .407.26 hectares .408.26 hectares .408.26 hectares .408.26 hectares .408.26 hectares .408.26 hectares		2 424 4 867 5 371 4 594 3 188 2 740 3 968	2 725 4 352 5 111 4 862 3 355 2 918 3 961	-11.0 11.8 5.1 -5.5 -5.0 -6.1
Total cropland	hectares	21 882 4 424 781	22 334 4 447 189	-2.0 5
Harvested cropland	hectares_	18 573 2 239 191	19 446 2 234 841	-4.5 .2
Irrigated land	farms hectares	15 193 1 282 834	14 913 1 219 674	1.9 5.2
Market value of agricultural products sold		4 115 552 151 575	3 143 131 115 201	30.9 31.6
Crops, including nursery and greenhouse cropsLivestock, poultry, and their products	\$1,000	1 036 174 3 079 378	781 934 2 361 197	32.5 30.4
Farms by value of sales: Less than \$2,500 \$2,500 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$50,000 to \$99,999 \$100,000 to \$249,999 \$250,000 to \$49,999 \$500,000 or \$49,999 \$500,000 or \$49,999		6 365 2 637 3 005 4 249 3 135 2 866 2 871 1 115	6 607 2 582 3 008 4 245 3 316 3 117 2 722 999 688	-3.7 2.1 -1.1 -5.5 -8.1 5.5 11.6
Total farm production expenses <sup>1</sup>	\$1,000 dollars	3 569 175 131 442	2 700 407 98 989	32.2 32.8
Net cash return from agricultural sales for the farm unit (see text) 1		27 154 515 763	27 281 422 200	5 22.2
Average per farm	dollars	18 994	15 476	22.2
Operators by principal occupation: FarmingOther		16 181 10 971	16 504 10 780	-2.0 1.8
Operators by days worked off farm: Any		13 914 8 353	14 202 8 311	-2.0 .5
Livestock and poultry:		14 797	14 637	
Cattle and calves inventory	number farms number	3 086 717 11 596 900 347 1 162 81 825	2 946 334 11 132 830 216 1 714 76 285	1.1 4.8 4.2 8.4 -32.2 7.3
Cattle and calves sold	farms number	14 439 3 569 739	14 569 3 476 740	9 2.7
Hogs and pigs inventory	number	1 643 464 479	1 685 258 725	2.7 -2.5 79.5
Hogs and pigs sold	number	1 558 878 515	1 620 460 359	-3.8 90.8
Sheep and lambs inventory  Chickens 3 months old or older inventory	number	1 911 730 272 1 767	1 981 708 070	-3.5 3.1
Broilers and other meat-type chickens sold	number farms	4 257 327 74	2 709 3 118 767 112	-34.8 36.5 -33.9
Selected crops harvested:	number	(D)	43 706	(D)
Corn for grain or seed	hectares metric tons	4 066 360 879 3 202 480	4 295 277 449 2 512 674	-5.3 30.1 27.5
Corn for silage or green chop	farms hectares	1 341 40 000	1 525 40 793	-12.1 -1.9
Sorghum for grain or seed	metric tons farms hectares	1 907 756 709 66 310	1 906 393 1 039 77 117	.1 -31.8 -14.0
Wheat for grain		159 523 5 597	186 131 6 992	-14.3 -20.0
Barley for grain	hectares metric tons farms	965 201 1 954 769 1 053	980 023 2 220 283 2 404	-1.5 -12.0 -56.2
Dry edible beans, excluding dry limas	hectares metric tons farms	46 670 194 519 1 533 61 038	82 246 269 678 1 689 68 599	-43.3 -27.9 -9.2 -11.0
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (		113 830	114 379	5
text)		13 160 586 482 3 142 842	13 535 576 215 2 802 005	–2.8 1.8 12.2

<sup>&</sup>lt;sup>1</sup>Data are based on a sample of farms.